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Washington State
Employment Security

John Spellman, Governor
Norward J. Brooks, Commissioner

Research & Statistics Branch
Olympia, WA 98504
Telephone (206) 753-5142

Labor Area Summary

Washington State

affiliated with
Employment and Training Administration
U.S. Department of Labor

VOLUME 6, NUMBER 2 AND 3 FEBRUARY-MARCH 1982

HIGHLIGHTS

Labor market conditions continued to deteriorate in Washington State as well as nationally between January and February. Counter to the usual seasonal trend, total employment dropped 3,600 over the month due to job losses in aerospace, construction, transportation, and retail trade. From 1970 through 1981, total employment declined only twice between January and February in Washington State--in 1970 and 1975 which, like 1982, were both recession years.

	Feb. 1982*	Jan. 1982*	Feb. 1981
Civilian Labor Force	1,972,600	1,965,800	1,974,600
Employment	1,715,800	1,719,400	1,782,700
Unemployment	256,800	246,400	191,900
State Rate	13.0	12.5	9.7
National Rate	9.6	9.4	8.0

*Because of differences in the methodology for adjusting total employment and total unemployment to Current Population Survey data, estimates for these categories and for the civilian labor force in 1982 are not strictly comparable with those made in previous years. Data not seasonally adjusted.

The job losses in February combined with an increase in labor force entrants to boost the number of jobless workers in the state 10,400 from January to a total of 256,800 in February. The total unemployment rate rose from 12.5 to 13.0 percent. The national unemployment rate increased from 9.4 to 9.6 percent. (Rates are not seasonally adjusted.)

National economic indicators were again unfavorable in February, indicating economic recovery in the state and nation is still some months off. The Index of Leading Economic Indicators declined in February for the 10th straight month. Preliminary estimates of the Gross National Product for the first quarter of 1982 showed a seasonally adjusted drop of 4.5 percent, following a drop of 4.5 percent in the previous quarter. Industrial production increased 1.6 percent in February, but the increase may have been largely due to unusually harsh weather in January, which reduced industrial output more than seasonally. Building permits in February increased for the fourth straight month to 838,000 units, but lagged the year-earlier level of 1,165,000 units by a considerable margin.

Nonfarm wage and salary employment fell 3,200 between January and February, a period when seasonal gains usually occur. Year-to-year, the nonfarm job total was down 49,800. State and local government employment dropped 20,800 to account for four out of every ten of the jobs lost. In past recessions, government payrolls have provided a stabilizing influence. Construction (down 11,900) and manufacturing (down 10,600) also reported sizable losses over the year.

MANUFACTURING EMPLOYMENT

Manufacturing employment dropped 1,600 between January and February to account for one-half of the loss in nonfarm payroll jobs over the month. The major loss occurred in aerospace where employment fell 1,100. While the long-term outlook for the industry remains bright, short-term developments continue to point to cutbacks in subsequent months. Losses of 200 each were reported by aluminum, food products, and pulp-paper. Aluminum employment at mid-February was down 1,300 over the year, a loss of 12 percent. Two of the major makets for aluminum are the homebuilding and automobile industries, both of which are severely depressed. Automobile output during the first quarter of 1982 was at its lowest level in 30 years. The seasonally adjusted annual rate of housing starts in February was down 26 percent over the year and less than half of the 1978 rate. Pulp and paper has also been hard hit by declining national demand. Employment in the industry this February was down 1,200, or 7 percent, over the year. Demand has declined for packaging material as well as household paper products.

Counter to the general trend in manufacturing in February, a gain of 300 was reported in fabricated metal products, while the lumber industry added 200 workers. The gain in lumber was well below normal for this time of the year. Year to year, employment in the industry was down 3,800. The over-the-year change, however, understates the seriousness of the industry's problem since conditions in the lumber industry have been declining since 1979. Compared with employment in February 1979, employment in the industry has dropped 12,400 or 24 percent. Considering lumber is the state's second largest manufacturing industry, it is not surprising that the unemployment rate in this state ranks among the highest in the nation.

NONMANUFACTURING EMPLOYMENT

Employment in the nonmanufacturing industries was down 1,600 from January and 39,200 below its year-ago level in February. Major changes over the month were seasonal. Retail trade employment fell 3,100 following January sales and inventory work. The loss here was offset by an equal increase in government, where education advanced as it usually does in February. As indicated earlier, however, state and local government employment was down sharply over the year, and 13,100 of the 20,800 drop was in public education. Public payrolls have been reduced because of cutbacks in federal programs administered on the state and local level and by lower than anticipated state tax receipts. The latter, of course, results directly from the recession. In previous recessions, federal aid to state and local governments was increased, and state sales tax revenue was not impacted as seriously as today because food sales were also taxed then.

Elsewhere in nonmanufacturing, transportation employment dropped 1,200 from January while construction employment fell 1,600. The decline of transportation services, of course, reflects weak demand from the business community, while the major factor depressing construction is high interest rates. Unfortunately, relief from high interest rates is not yet in sight. The average effective interest rate for conventional mortgages on new homes was reported to be 17.49 percent in early April, up from 15.34 percent one year ago. High interest rates have adversly affected commercial construction as well. Over the year, construction employment was down 11,900 or 14.2 percent.

AREA DEVELOPMENTS

Unemployment in the Seattle-Everett Metropolitan Area in February at 10.5 percent remained well under the state average of 13.0 percent. Nonetheless over one-half of the statewide increase in unemployment of 10,400 between January and February occurred in that area. Recent layoffs in aerospace were undoubtedly a significant factor. Only five counties in the state had February jobless rates of under 10 percent--Whitman, 5.0; Garfield, 6.1; Kitsap, 8.5; Wahkiakum, 9.2; and Lincoln, 9.5. Nine counties had rates

over 20 percent led by Skamania with a rate of 33.1 percent. Most of the counties with jobless rates of over 20 percent have economies heavily dependent on the depressed lumber industry.

WEEKLY EARNINGS AVERAGE $427.28

Average weekly earnings of manufacturing production workers in Washington State rose $3.44 from January to average $427.28 in February. Weekly hours moved up six minutes to average 39.2 hours, while hourly pay added six cents to average $10.90. Increases in weekly pay were noted in all major industries except stone - clay - glass products where earnings slipped $7.56 to average $456.44, and in food products where weekly pay edged down $2.31 to average $351.51. Logging posted the largest gain between January and February. Improved weather allowed weekly hours to increase from 31.0 in January to 37.9 in February and weekly pay rose $83.67 to average $488.53.

Over the year, weekly earnings were up $34.78, or 8.9 percent. The average work week was up three-tenths of an hour from February 1981, while average hourly pay rose 81 cents.

ESTIMATES REVISED

Resident civilian labor force, employment, and unemployment estimates for 1981 have been adjusted to 1981 average annual data from that portion of the national Current Population Survey conducted in this state. Estimates for 1976-1979 have also been revised. Tables containing the revised data are included in this report.

Nonagricultural wage and salary employment estimates for 1980 and 1981 have also been revised. Current nonfarm wage and salary employment estimates prepared by the Employment Security Department are based upon monthly reports received from approximately 2,600 cooperating firms. While estimates prepared from these reports are timely, they lack the accuracy of estimates based upon more complete data contained in tax returns received at later dates from establishments covered by the Washington State Employment Security Act and from reports on federal civilian employment. Reports on covered and federal civilian employment provide almost complete counts of nonagricultural wage and salary employment. The major exceptions to covered employment are railroad employment, employment at religious organizations, and at private, primary and secondary educational institutions.

Each year estimates are updated to conform with the latest tax return data and the best available information on noncovered wage and salary employment. The 1980 estimates are based on tax return data for the entire year, while those for 1981 and the first two months of 1982 are based on March 1981 benchmarks. Tables containing the revised 1980 and 1981 nonagricultural wage and salary estimates are included in this report.

FUNDING CUT FOR LABOR MARKET INFORMATION

Because of a reduction in federal funding for labor market information, Labor Area Summary reports for the state and the Seattle-Everett, Spokane, Tacoma, Richland-Kennewick, and Yakima metropolitan areas will be produced quarterly rather than monthly beginning with the March issue. Abbreviated reports containing labor force tables will be issued in intervening months. The seasonally adjusted series has been discontinued.

NONAGRICULTURAL WAGE AND SALARY WORKERS, PLACE OF WORK 1/

(In Thousands)

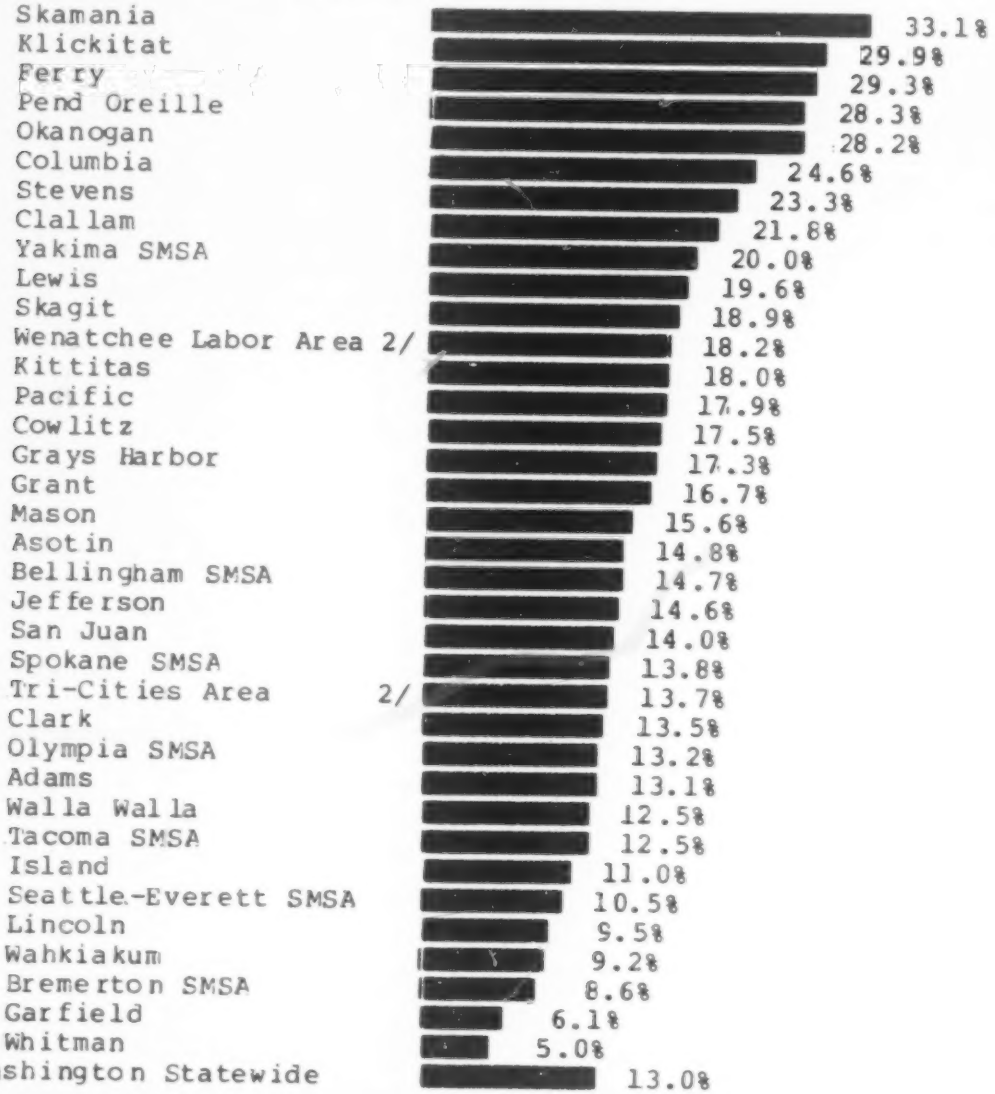
NOT SEASONALLY ADJUSTED

	Feb. 1982 (Prel.)	Jan. 1982 (Rev.)	Feb. 1981	Jan. 1981	Change Jan. 82 to Feb. 82	Change Feb. 81 to Feb. 82
TOTAL NONAG. WAGE AND SALARY.....	1,536.7	1,539.9	1,586.5	1,584.6	-3.2	-49.8
TOTAL MANUFACTURING.....	289.6	291.2	300.2	300.7	-1.6	-10.6
Durable Goods.....	208.4	209.5	217.2	217.8	-1.1	-8.8
Lumber & Wood Products.....	39.7	39.5	43.5	43.6	+0.2	-3.8
Furniture & Fixtures.....	2.7	2.7	3.2	3.2	0	-0.5
Stone, Clay, & Glass Prod.....	5.7	5.8	6.1	6.3	-0.1	-0.4
Ferrous Metals.....	4/3.3	4/3.4	3.4	3.4	-0.1	-0.1
Nonferrous Metals.....	11.3	11.6	12.8	12.9	-0.3	-1.5
Aluminum.....	9.4	9.6	10.7	10.8	-0.2	-1.3
Fabricated Metal Products.....	11.6	11.3	11.7	11.7	+0.3	-0.1
Machinery.....	25.6	25.7	25.3	25.2	-0.1	+0.3
Machinery exc. Electrical.....	15.1	15.2	14.9	14.8	-0.1	+0.2
Electrical Equipment.....	10.5	10.5	10.4	10.4	0	+0.1
Transportation Equipment 5/....	97.0	98.0	99.8	100.0	-1.0	-2.8
Aerospace 5/.....	78.4	79.5	81.1	81.5	-1.1	-2.7
Ship Building & Repair.....	13.5	13.5	13.2	13.0	0	+0.3
Other Transp. Equipment.....	5.1	5.0	5.5	5.5	+0.1	-0.4
Other Durable Goods 2/.....	11.5	11.5	11.4	11.5	0	+0.1
Nondurable Goods.....	81.2	81.7	83.0	82.9	-0.5	-1.8
Food & Kindred Products.....	27.9	28.1	4/28.7	28.5	-0.2	-0.8
Canned & Preserved Foods.....	8.8	8.9	9.1	8.6	-0.1	-0.3
Apparel & Other Text. Prod.....	5.3	5.4	5.4	5.5	-0.1	-0.1
Paper & Allied Products.....	16.1	16.3	17.3	17.5	-0.2	-1.2
Printing & Publishing.....	15.6	15.7	15.8	15.7	-0.1	-0.2
Chemicals & Allied Products....	9.0	9.0	8.9	8.9	0	+0.1
Petroleum & Coal Products.....	2.2	2.2	2.2	2.2	0	0
Other Nondurable Goods 3/.....	5.1	5.0	4.7	4.6	+0.1	+0.4
MINING & QUARRYING.....	3.1	3.1	4/2.5	3.1	0	+0.6
CONSTRUCTION.....	4/72.1	73.7	84.0	85.2	-1.6	-11.9
TRANS., COMM., & UTILITIES.....	85.8	87.0	87.7	88.2	-1.2	-1.9
Railroad Transportation.....	8.1	8.1	9.2	9.4	0	-1.1
Other Transportation.....	42.9	44.1	44.5	45.0	-1.2	-1.6
Communications & Utilities.....	34.8	34.8	34.0	33.8	0	+0.8
TRADE.....	369.1	372.3	4/370.1	4/373.7	-3.2	-1.0
Wholesale Trade.....	98.6	98.7	4/98.5	4/98.9	-0.1	+0.1
Retail Trade.....	270.5	273.6	4/271.6	274.8	-3.1	-1.1
FIN., INS., & REAL ESTATE.....	90.4	90.0	90.6	90.5	+0.4	-0.2
SERVICES & MISCELLANEOUS.....	309.3	308.4	312.3	309.5	+0.9	-3.0
GOVERNMENT.....	317.3	314.2	339.1	333.7	+3.1	-21.8
Federal.....	65.0	64.9	66.0	66.2	+0.1	-1.0
State & Local.....	252.3	249.3	273.1	267.5	+3.0	-20.8
Education.....	142.2	138.7	155.3	150.6	+3.5	-13.1
(WORKERS IN LABOR-MANAGEMENT DISPUTES).....	0.5	0.2	1.1	0.2	+0.3	-0.6

Prepared in cooperation with the U.S. Bureau of Labor Statistics and the Employment and Training Administration.

1/ Excludes proprietors, self-employed, members of armed forces, and private household employees. Includes all full- and part-time wage and salary workers receiving pay during pay period including the 12th of the month.
2/ Includes instruments and related products and miscellaneous manufacturing activities.
3/ Includes textile mill products, rubber and miscellaneous plastics products, and leather products.
4/ Excludes workers involved in labor-management disputes.
5/ Data prior to January 1982 is no longer comparable due a break in the series.

UNEMPLOYMENT RATES IN WASHINGTON STATE 1/
February, 1982 (Not Seasonally Adjusted)



1/ Figures rounded. 2/ The Tri-Cities area includes all of Benton and Franklin counties. The Wenatchee Labor Area includes Chelan and Douglas counties.

EMPLOYMENT SECURITY DEPARTMENT
Research and Statistics Branch

Washington State
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RESIDENT LABOR FORCE AND EMPLOYMENT IN WASHINGTON STATE AND LABOR MARKET AREAS

(Not Seasonally Adjusted)

Date March 26, 1982

Benchmark 1981

	February 1982 Preliminary 3/				January 1982 Revised				February 1981 Revised			
	Labor Force	Employment	Unemployment	Unemp. Rate	Labor Force	Employment	Unemployment	Unemp. Rate	Labor Force	Employment	Unemployment	Unemp. Rate
Washington State Total 1/	1,972,600	1,715,800	256,800	13.0	1,965,800	1,719,400	246,400	12.5	1,974,600	1,782,700	191,900	9.7
Seattle-Everett SMSA	863,800	773,500	90,300	10.5	862,800	777,900	84,900	9.8	868,100	801,500	66,600	7.7
King County	676,700	609,100	67,600	10.0	675,200	612,600	62,600	9.3	681,400	631,200	50,200	7.4
Tacoma SMSA	177,400	155,300	22,100	12.5	177,400	155,900	21,500	12.1	176,100	159,000	17,100	9.7
Spokane SMSA	150,000	129,300	20,700	13.8	149,600	130,100	19,500	13.0	149,800	133,700	16,100	10.7
Tri-Cities Area 2/	83,040	71,690	11,350	13.7	82,910	72,000	10,910	13.2	82,420	75,210	7,210	8.7
Yakima SMSA	80,060	64,070	15,990	20.0	76,790	62,140	14,650	19.1	76,640	65,660	10,980	14.3
Adams	6,500	5,650	850	13.1	6,580	5,580	1,000	15.2	7,740	6,940	800	10.3
Asotin	8,000	6,820	1,180	14.8	7,800	6,780	1,020	13.1	8,380	7,570	810	9.7
Wenatchee Labor Area 2/	35,850	29,330	6,520	18.2	35,420	28,800	6,620	18.7	34,750	29,800	4,950	14.2
Clallam	20,130	15,750	4,380	21.8	20,680	15,600	5,080	24.6	20,770	16,650	4,120	19.8
Clark	96,560	83,600	12,960	13.4	96,470	83,900	12,570	13.0	90,460	82,420	8,040	8.9
Columbia	1,790	1,350	440	24.6	1,690	1,280	410	24.3	2,080	1,680	400	19.2
Cowlitz	34,840	28,760	6,080	17.5	34,920	28,890	6,030	17.3	34,520	30,510	4,010	11.6
Ferry	3,040	2,150	890	29.3	2,940	2,220	720	24.5	2,770	2,250	520	18.8
Garfield	990	930	60	6.1	970	910	60	6.2	1,220	1,090	130	10.7
Grant	20,510	17,080	3,430	16.7	20,110	16,810	3,300	16.4	23,800	20,750	3,050	12.8
Grays Harbor	34,600	28,630	5,970	17.3	34,660	28,970	5,690	16.4	35,110	30,070	5,040	14.4
Island	13,310	11,840	1,470	11.0	13,380	11,970	1,410	10.5	13,470	12,240	1,230	9.1
Jefferson	6,570	5,610	960	14.6	6,560	5,560	1,000	15.2	6,580	5,770	810	12.3
Bremerton SMSA	59,530	54,470	5,060	8.5	59,230	54,410	4,820	8.1	59,120	54,640	4,480	7.6
Kittitas	10,520	8,630	1,890	18.0	10,390	8,670	1,720	16.6	10,510	8,830	1,680	16.0
Klickitat	7,470	5,240	2,230	29.9	7,570	5,270	2,300	30.4	7,960	6,470	1,490	18.7
Lewis	23,680	19,040	4,640	19.6	23,460	18,950	4,510	19.2	24,860	21,080	3,780	15.2
Lincoln	3,690	3,340	350	9.5	3,650	3,310	340	9.3	4,510	4,050	460	10.2
Mason	10,600	8,950	1,650	15.6	10,650	8,900	1,750	16.4	10,900	9,880	1,020	9.4
Okanogan	15,630	11,230	4,400	28.2	15,330	11,040	4,290	28.0	14,710	12,140	2,570	17.5
Pacific	7,210	5,920	1,290	17.9	7,290	5,940	1,350	18.5	7,580	6,430	1,150	15.2
Pend Oreille	3,530	2,530	1,000	28.3	3,640	2,590	1,050	28.8	3,110	2,540	570	18.3
San Juan	3,080	2,650	430	14.0	3,060	2,620	440	14.4	3,150	2,770	380	12.1
Skagit	31,790	25,780	6,010	18.9	32,050	25,810	6,240	19.5	31,880	26,890	4,990	15.7
Skamania	3,540	2,370	1,170	33.1	3,650	2,420	1,230	33.7	3,640	2,950	690	19.0
Stevens	11,940	9,160	2,780	23.3	11,110	9,200	1,910	17.2	11,390	9,500	1,890	16.6
Olympia SMSA	54,940	47,670	7,270	13.2	54,540	47,650	6,890	12.6	55,760	50,400	5,360	9.6
Wahkiakum	1,310	1,190	120	9.2	1,290	1,170	120	9.3	1,350	1,170	180	13.3
Walla Walla	23,920	20,930	2,990	12.5	23,870	20,930	2,940	12.3	25,050	22,650	2,400	9.6
Bellingham SMSA	48,210	41,140	7,070	14.7	48,310	40,990	7,320	15.2	48,080	41,790	6,290	13.1
Whitman	15,070	14,320	750	5.0	14,870	14,140	730	4.9	16,370	15,790	580	3.5

1/ Detail may not add due to rounding.
2/ The Tri-Cities area includes all of Benton and Franklin counties. The Wenatchee Labor Area includes all of Chelan and Douglas counties.
3/ Estimates for the state and labor market areas are not strictly comparable with those for prior years because the methodology used to develop current year estimates differs from that used in developing final estimates.

Research and Statistics Branch

ESTIMATED AVERAGE HOURS AND EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING AND OF NONSUPERVISORY WORKERS IN NONMANUFACTURING ACTIVITIES, STATE OF WASHINGTON

	Feb. 1982 Prod. or Nonsup. Workers	Average Weekly earnings			Average Weekly Hours			Average Hourly earnings		
		Feb. 1982 (Prel)	Jan. 1982 (Rev)	Feb. 1981	Feb. 1982 (Prel)	Jan. 1982 (Rev)	Feb. 1981	Feb. 1982 (Prel)	Jan. 1982 (Rev)	Feb. 1981
TOTAL MANUFACTURING INDUSTRIES	187,100	$427.28	$423.84	$392.50	39.2	39.1	38.9	$10.90	$10.84	$10.09
DURABLE GOODS	132,300	445.83	442.01	413.28	39.7	39.5	39.7	11.23	11.19	10.41
Lumber and wood products	36,600	415.72	413.49	393.51	38.0	37.9	39.0	10.94	10.91	10.09
Logging 1/	10,000	488.53	404.86	427.85	37.9	31.0	36.6	12.89	13.06	11.69
Sawmills and planing mills	16,200	392.46	435.38	402.98	37.2	40.5	40.5	10.55	10.75	9.95
Millwork, plywood and related products	8,300	339.37	406.08	368.14	40.1	42.3	39.5	9.71	9.60	9.32
Furniture and fixtures	2,100	305.32	292.96	294.81	34.0	32.3	34.4	8.98	9.07	8.57
Stone, clay and glass products	4,300	456.44	464.00	395.16	40.5	40.0	37.0	11.27	11.60	10.68
Primary metal industries	11,300	515.41	498.13	471.09	41.2	40.4	41.0	12.51	12.33	11.49
Primary and secondary ferrous metals	2,700	439.14	423.75	397.17	39.0	37.6	38.9	11.26	11.27	10.21
Primary and secondary nonferrous metals	8,600	539.67	521.62	492.13	41.9	41.3	41.6	12.88	12.63	11.83
Fabricated metal products	8,400	513.32	453.57	403.06	43.1	38.9	39.4	11.91	11.66	10.23
Machinery	16,900	346.32	341.76	321.86	39.0	38.4	37.6	8.88	8.90	8.56
Machinery (except electrical)	10,500	373.35	369.40	360.21	39.3	38.6	37.6	9.50	9.57	9.58
Electrical equipment	6,400	301.84	296.40	259.75	38.5	38.0	37.7	7.84	7.80	6.89
Transportation equipment	44,400	527.02	520.36	477.84	41.4	41.2	41.3	12.73	12.63	11.57
NONDURABLE GOODS	54,800	384.81	380.24	339.48	38.1	38.1	36.9	10.10	9.98	9.20
Food and kindred products	20,200	351.51	353.82	300.24	38.5	38.5	35.7	9.13	9.19	8.41
Canned and preserved foods	7,600	278.63	297.96	252.08	37.5	39.0	36.8	7.43	7.64	6.85
Apparel	4,500	208.00	207.06	176.70	35.8	36.2	35.2	5.81	5.72	5.02
Paper and allied products	12,700	504.81	490.99	433.09	39.5	39.5	38.6	12.78	12.43	11.22
Printing and publishing	7,500	381.28	368.12	364.14	35.7	34.5	35.7	10.68	10.67	10.20
Chemicals and allied products	4,400	470.80	457.33	415.52	42.3	41.5	41.1	11.13	11.02	10.11
Petroleum and coal products	1,500	501.55	471.63	484.04	38.7	37.7	41.8	12.96	12.51	11.58
SELECTED NONMANUFACTURING INDUSTRIES										
Contract construction	54,900	627.57	631.87	559.58	35.8	35.3	34.1	17.53	17.90	16.41
Communications and utilities	27,000	425.52	428.67	382.73	39.4	40.1	40.5	10.80	10.69	9.45
Trade (exc. eating and drinking places)	230,700	307.65	300.84	272.12	35.0	34.5	34.1	8.79	8.72	7.98
Wholesale trade	81,500	392.24	381.00	338.02	39.7	39.4	37.6	9.88	9.67	8.99
Retail trade (exc eating and drinking pl)	149,200	262.28	256.94	236.67	32.5	31.8	32.2	8.07	8.08	7.35
Finance 2/	35,700	267.29	264.44	252.45	----	----	----	----	----	----
Laundries and dry cleaning plants	4,500	274.14	262.81	260.11	37.4	36.1	37.0	7.33	7.28	7.03

1/ Data prior to January 1980 is no longer comparable due to a break in the series.

2/ Average weekly hours and hourly earnings are not available.

STATE OF WASHINGTON
EMPLOYMENT SECURITY DEPARTMENT
RESEARCH AND STATISTICS BRANCH
OLYMPIA, WASHINGTON

NONAGRICULTURAL WAGE AND SALARY WORKERS IN WASHINGTON STATE 1980
(In Thousands) (Benchmark: December 1980)

1980

INDUSTRY	ANNUAL AVERAGE	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
TOTAL	1,608.3	1,576.8	1,590.1	1,602.4	1,609.7	1,618.0	1,626.0	1,592.9	1,600.1	1,621.8	1,623.3	1,619.6	1,619.3
MANUFACTURING	308.7	306.9	308.8	309.6	306.3	306.5	308.4	309.2	310.4	313.8	312.8	308.5	303.2
Durable Goods	221.1	221.3	223.3	223.6	221.0	218.8	219.3	220.9	222.5	222.9	220.7	220.7	218.3
Lumber & Wood Products	47.0	47.3	48.1	47.4	45.6	45.6	46.6	48.3	48.7	48.7	47.5	46.3	43.8
Furniture & Fixtures	3.3	3.6	3.6	3.6	3.5	3.4	3.3	3.1	3.1	3.1	3.2	3.1	3.2
Stone, Clay & Glass Prod.	6.9	6.7	6.9	7.1	7.0	6.8	6.9	6.9	7.1	7.1	6.7	6.9	6.5
Primary Metals	16.7	17.1	16.9	17.1	17.1	17.1	17.2	16.4	16.4	16.2	16.0	16.0	16.4
Ferrous Metals	3.7	4.1	4.1	4.1	4.0	3.9	3.7	3.5	3.5	3.4	3.4	3.5	3.5
Nonferrous Metals	13.0	13.0	12.8	13.0	13.1	13.2	13.5	12.9	12.9	12.8	12.6	12.5	12.9
Aluminum	11.0	10.8	10.6	10.8	10.9	11.0	11.4	11.2	11.2	11.1	10.9	10.8	10.8
Fabricated Metal Prod.	11.7	11.4	11.5	11.6	11.8	11.7	11.6	11.6	11.9	12.2	12.2	11.8	11.6
Machinery	26.2	26.4	26.8	26.7	26.7	25.9	25.6	26.0	26.1	26.0	26.0	26.2	26.2
Machinery (Exc. Elect.)	15.0	15.5	15.6	15.6	15.5	14.7	14.4	14.7	14.8	14.8	14.9	15.0	14.9
Electrical Equipment	11.2	10.9	11.2	11.1	11.2	11.2	11.2	11.3	11.3	11.2	11.1	11.2	11.3
Transportation Equip.	98.3	97.7	98.4	99.0	98.1	97.2	97.0	97.9	98.5	99.0	98.3	99.4	99.4
Aerospace	79.6	77.8	78.3	78.7	78.6	78.6	78.8	80.4	80.9	81.0	80.2	81.0	81.1
Ship Building & Repair	12.6	13.4	13.6	13.7	13.0	12.4	12.3	11.7	11.7	12.1	12.3	12.6	12.5
Other Trans. Equip.	6.1	6.5	6.5	6.6	6.5	6.2	5.9	5.8	5.9	5.9	5.8	5.8	5.8
Other Durable Goods	11.0	11.1	11.1	11.1	11.2	11.1	11.1	10.7	10.7	10.6	10.8	11.0	11.2
Nondurable Goods	87.6	85.6	85.5	86.0	85.3	87.7	89.1	88.3	87.9	90.9	92.1	87.8	84.9
Food & Kindred Prod.	32.0	29.4	29.7	29.9	29.8	32.0	33.2	32.7	32.2	35.2	36.8	32.8	29.6
Canned & Preserved Foods	11.3	9.3	9.4	9.5	9.4	11.8	12.6	12.2	11.5	14.2	15.5	11.8	8.6
Apparel & Allied Prod.	6.5	7.0	6.8	6.7	6.6	6.5	6.5	6.5	6.4	6.4	6.4	6.2	6.1
Paper & Allied Prod.	17.6	17.4	17.4	17.5	17.3	17.5	17.7	17.8	17.7	17.8	17.6	17.6	17.6
Printing & Publishing	15.8	15.9	16.0	16.2	15.9	15.9	15.8	15.5	15.7	15.7	15.7	15.7	15.9
Chemical & Allied Prod.	8.7	8.6	8.6	8.6	8.7	8.7	8.8	8.8	8.8	8.7	8.7	8.7	8.8
Petroleum Ref. & Related	2.1	2.1	1.8	1.8	1.8	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3
Other Nondurable Goods	4.9	5.2	5.2	5.3	5.2	4.9	4.9	4.8	4.9	4.9	4.7	4.6	4.6
NONMANUFACTURING	1,299.6	1,269.9	1,281.3	1,292.8	1,303.4	1,311.5	1,317.6	1,283.7	1,289.7	1,308.0	1,310.5	1,311.1	1,316.1
Mining & Quarrying	3.2	3.0	3.1	3.0	3.1	3.1	3.1	3.3	3.3	3.3	3.3	3.2	3.2
Construction	92.6	90.4	91.7	92.9	93.4	94.6	90.2	92.6	95.6	96.2	93.0	91.6	89.3
Trans., Comm. & Utilities	91.4	90.3	90.7	90.7	91.0	91.2	91.9	92.0	92.1	93.0	92.2	90.9	90.8
Railroad Trans.	9.9	10.2	10.4	10.0	10.0	9.9	9.9	9.8	9.8	9.8	9.8	9.8	9.6
Other Transportation	47.6	46.7	46.7	46.9	47.2	47.4	48.0	47.8	48.0	49.0	48.6	47.3	47.3
Comm. & Utilities	33.9	33.4	33.6	33.8	33.8	33.9	34.0	34.4	34.3	34.2	33.8	33.8	33.9
Trade	381.3	375.4	374.0	377.0	377.7	379.3	380.7	378.8	382.5	387.5	384.8	386.1	391.7
Wholesale Trade	100.5	99.4	100.0	100.7	99.7	99.2	100.1	99.9	101.0	102.9	101.9	100.7	100.5
Retail Trade	280.8	276.0	274.0	276.3	278.0	280.1	280.6	278.9	281.5	284.6	282.9	285.4	291.2
Finance, Ins., & Real Estate	91.8	90.3	90.2	90.6	91.2	91.6	92.2	92.0	92.4	92.7	92.8	92.5	93.1
Services & Misc.	308.5	295.3	299.4	303.3	307.5	308.1	311.3	312.3	314.9	316.5	311.6	310.1	311.8
Government	330.8	325.2	332.2	335.3	339.5	343.6	348.2	312.7	308.9	318.8	332.8	336.7	336.2
Federal	67.9	64.1	64.5	66.1	70.4	72.3	72.2	68.8	68.7	66.6	67.0	66.9	67.2
State & Local	262.9	261.1	267.7	269.2	269.1	271.3	276.0	243.9	240.2	252.2	265.8	269.8	269.0
Education	145.5	149.6	155.3	156.6	154.2	154.9	155.2	121.6	116.1	130.3	146.2	153.0	152.6
Workers in Labor Management Disputes	2.4	0.3	1.0	1.4	2.1	1.0	4.8	4.4	3.0	4.3	4.7	1.5	0.5

STATE OF WASHINGTON
EMPLOYMENT SECURITY DEPARTMENT
RESEARCH AND STATISTICS BRANCH
OLYMPIA, WASHINGTON

NONAGRICULTURAL WAGE AND SALARY WORKERS IN WASHINGTON STATE 1981
(In Thousands)
(Benchmark: March 1981)

1981
Preliminary

INDUSTRY	ANNUAL AVERAGE	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
TOTAL	1,598.3	1,584.6	1,586.5	1,602.0	1,605.6	1,617.6	1,628.5	1,595.5	1,589.6	1,606.2	1,599.0	1,588.2	1,576.6
MANUFACTURING	301.9	300.7	300.2	300.3	301.1	304.1	307.1	306.1	304.7	309.1	303.5	296.3	290.2
Durable Goods	216.2	217.8	217.2	216.6	218.0	218.6	220.6	219.8	217.0	217.7	214.1	210.2	207.2
Lumber & Wood Products	44.1	43.6	43.5	43.1	43.9	44.7	46.2	46.8	44.9	45.7	43.9	42.0	40.5
Furniture & Fixtures	3.1	3.2	3.2	3.3	3.3	3.2	3.2	3.1	3.1	3.1	3.0	2.9	2.8
Stone, Clay & Glass Prod.	6.4	6.3	6.1	6.3	6.4	6.5	6.4	6.6	6.7	6.7	6.4	6.4	5.9
Primary Metals	16.1	16.3	16.2	16.2	16.3	16.5	16.8	16.6	16.2	15.9	15.7	15.5	15.0
Ferrous Metals	3.5	3.4	3.4	3.5	3.6	3.6	3.7	3.7	3.6	3.3	3.4	3.4	3.4
Nonferrous Metals	12.6	12.9	12.8	12.7	12.7	12.9	13.1	12.9	12.6	12.6	12.3	12.1	11.6
Aluminum	10.5	10.8	10.7	10.6	10.6	10.8	10.9	10.9	10.6	10.6	10.3	10.1	9.6
Fabricated Metal Prod.	11.6	11.7	11.7	11.9	11.6	11.3	11.8	11.5	11.5	11.6	11.4	11.2	11.4
Machinery	25.7	25.2	25.3	25.3	25.5	25.9	26.1	25.9	25.9	26.0	25.8	25.7	25.8
Machinery (Exc. Elect.)	15.1	14.8	14.9	15.0	15.0	15.2	15.4	15.3	15.2	15.1	15.1	15.0	15.0
Electrical Equipment	10.6	10.4	10.4	10.3	10.5	10.7	10.7	10.6	10.7	10.9	10.7	10.7	10.8
Transportation Equip.	97.8	100.0	99.8	99.1	99.4	98.9	98.5	97.8	97.0	96.9	96.4	95.1	94.2
Aerospace	79.1	81.5	81.1	80.4	80.0	79.8	79.3	79.3	78.9	78.2	77.7	76.6	75.8
Ship Building & Repair	13.5	13.0	13.2	13.4	14.1	14.0	14.1	13.3	13.0	13.7	13.6	13.4	13.3
Other Transp. Equip.	5.2	5.5	5.5	5.3	5.3	5.1	5.1	5.2	5.1	5.0	5.1	5.1	5.1
Other Durable Goods	11.4	11.5	11.4	11.4	11.6	11.6	11.6	11.5	11.7	11.8	11.5	11.4	11.6
Nondurable Goods	85.7	82.9	83.0	83.7	83.1	85.5	86.5	86.3	87.7	91.4	89.4	86.1	83.0
Food & Kindred Prod.	31.3	28.5	28.7	29.3	28.8	31.1	31.4	31.1	33.0	36.3	35.3	32.2	29.2
Canned & Preserved Foods	11.2	8.6	9.1	9.4	9.0	11.1	11.4	10.9	12.6	15.8	15.1	12.1	9.1
Apparel & Allied Prod.	5.4	5.5	5.4	5.4	5.4	5.5	5.5	5.4	5.2	5.5	5.4	5.4	5.5
Paper & Allied Prod.	17.1	17.5	17.3	17.1	17.0	17.0	17.4	17.6	17.4	17.3	16.8	16.5	16.5
Printing & Publishing	15.7	15.7	15.8	15.8	15.8	15.7	15.7	15.6	15.5	15.7	15.7	15.8	15.8
Chemicals & Allied Prod.	9.1	8.9	8.9	9.1	9.1	9.2	9.2	9.3	9.3	9.3	9.2	9.1	9.0
Petroleum Ref. & Related	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.2	2.2	2.2
Other Nondurable Goods	4.9	4.6	4.7	4.8	4.8	4.8	5.0	5.0	5.0	5.0	4.8	4.9	4.8
NONMANUFACTURING	1,296.4	1,283.9	1,286.3	1,301.7	1,304.5	1,313.5	1,321.4	1,289.4	1,284.9	1,297.1	1,295.5	1,291.9	1,286.4
Mining & Quarrying	3.1	3.1	2.5	2.6	3.1	3.2	3.3	3.3	3.3	3.3	3.2	3.2	3.1
Construction	88.7	85.2	84.0	88.1	89.3	92.2	93.7	94.7	92.6	92.1	87.9	84.8	79.5
Trans., Comm., & Utilities	89.3	88.2	87.7	88.1	89.1	89.3	90.9	90.9	90.9	90.5	89.2	88.6	88.3
Railroad Transportation	9.1	9.4	9.2	9.4	9.6	9.7	9.3	9.3	9.3	8.8	8.5	8.5	8.5
Other Transportation	45.8	45.0	44.5	44.7	45.4	45.4	47.1	46.9	46.8	47.0	46.1	45.5	45.1
Comm. & Utilities	34.4	33.8	34.0	34.0	34.1	34.2	34.5	34.7	34.8	34.7	34.6	34.6	34.7
Trade	382.7	373.7	370.1	375.6	377.5	381.8	385.9	385.0	387.1	391.0	387.3	386.9	390.9
Wholesale Trade	101.1	98.9	98.5	100.0	99.7	100.1	100.9	101.8	102.8	104.1	102.4	102.4	101.4
Retail Trade	281.6	274.8	271.6	275.6	277.8	281.7	285.0	283.2	284.3	286.9	284 9	284.5	289.5
Finance, Ins., & Real Estate	91.4	90.5	90.6	90.9	90.8	91.0	91.6	92.0	92.1	91.8	91.9	91.5	91.8
Services & Misc.	317.0	309.5	312.3	317.0	318.5	318.4	319.6	318.2	319.4	322.4	317.7	316.2	315.3
Government	324.2	333.7	339.1	339.4	336.2	337.6	336.4	305.3	299.5	306.0	318.3	320.7	317.5
Federal	66.5	66.2	66.0	65.9	66.0	66.4	67.5	67.9	67.6	66.7	66.3	66.1	65.3
State & Local	257.7	267.5	273.1	273.5	270.2	271.2	268.9	237.4	231.9	239.3	252.0	254.6	252.2
Education	140.8	150.6	155.3	154.9	153.3	154.3	152.0	115.1	108.5	122.4	139.1	142.9	141.7
Workers in Labor Management Labor Disputes	.5	.2	1.1	1.0	.7	.3	.3	.2	.4	1.0	.3	.9	.2

Resident Civilian Labor Force and Employment in Washington State, 1970-1981 1/
(In Thousands)

	Annual Average 2/	January	February	March	April	May	June	July	August	September	October	November	December
1981													
Civilian Labor Force	1,987.0	1,965.6	1,974.6	1,987.9	1,984.3	1,997.2	2,026.3	2,001.4	1,984.4	1,989.1	1,989.6	1,967.5	1,976.1
Total employment*	1,798.0	1,777.4	1,782.7	1,800.3	1,802.5	1,820.6	1,840.4	1,816.2	1,800.8	1,814.0	1,803.1	1,765.5	1,752.5
Total unemployment*	189.0	188.2	191.9	187.6	181.8	176.6	185.9	185.2	183.6	175.1	186.5	202.0	223.6
Percent of Labor Force	9.5	9.6	9.7	9.4	9.2	8.8	9.2	9.3	9.3	8.8	9.4	10.3	11.3
1980													
Civilian Labor Force	1,983.0	1,936.3	1,943.8	1,964.9	1,979.3	1,995.5	2,030.3	1,992.9	1,978.2	1,995.3	1,996.7	1,981.1	1,990.0
Total employment*	1,826.0	1,769.0	1,792.6	1,818.6	1,829.0	1,847.3	1,867.3	1,832.0	1,829.3	1,847.9	1,843.6	1,819.8	1,815.8
Total unemployment*	156.0	167.3	151.2	146.3	150.3	148.2	163.0	160.9	148.9	147.4	153.1	161.3	174.2
Percent of Labor Force	7.9	8.6	7.8	7.4	7.6	7.4	8.0	8.1	7.5	7.4	7.7	8.1	8.8
1979													
Civilian Labor Force	1,937.0	1,842.4	1,856.3	1,888.1	1,911.7	1,945.5	2,007.0	1,974.5	1,966.7	1,993.0	1,972.3	1,938.2	1,948.5
Total employment*	1,806.0	1,690.3	1,713.8	1,753.7	1,783.7	1,825.0	1,877.1	1,844.9	1,847.0	1,876.1	1,851.0	1,809.8	1,799.7
Total unemployment*	131.0	152.1	142.5	134.4	128.0	120.5	129.9	129.6	119.7	116.9	121.3	128.4	148.8
Percent of Labor Force	6.8	8.3	7.7	7.1	6.7	6.2	6.5	6.6	6.1	5.9	6.2	6.6	7.6
1978													
Civilian Labor Force	1,808.0	1,708.5	1,724.3	1,758.7	1,780.2	1,815.7	1,864.1	1,832.9	1,830.9	1,847.6	1,846.6	1,840.8	1,857.8
Total employment*	1,685.0	1,557.3	1,583.0	1,625.2	1,656.5	1,696.0	1,739.1	1,716.4	1,717.0	1,737.8	1,740.2	1,723.1	1,728.4
Total unemployment*	124.0	151.2	141.3	133.5	123.7	119.7	125.0	116.5	113.9	109.8	106.4	117.7	129.4
Percent of Labor Force	6.8	8.8	8.2	7.6	6.9	6.6	6.7	6.4	6.2	5.9	5.8	6.4	7.0
1977													
Civilian Labor Force	1,691.0	1,607.3	1,625.2	1,647.3	1,666.7	1,686.9	1,733.7	1,724.9	1,728.8	1,731.4	1,730.7	1,707.1	1,713.8
Total employment*	1,544.0	1,446.3	1,457.9	1,481.3	1,511.9	1,536.4	1,581.5	1,570.5	1,580.8	1,598.9	1,603.4	1,577.2	1,581.8
Total unemployment*	148.0	161.0	167.3	166.0	154.8	150.5	152.2	154.4	148.0	132.5	127.3	129.9	132.0
Percent of Labor Force	8.8	10.0	10.3	10.1	9.3	8.9	8.8	9.0	8.6	7.7	7.4	7.6	7.7
1976													
Civilian Labor Force	1,622.0	1,556.5	1,560.0	1,585.2	1,598.3	1,627.9	1,666.7	1,658.5	1,649.7	1,653.8	1,653.0	1,629.7	1,624.5
Total employment*	1,482.0	1,396.0	1,407.5	1,432.7	1,456.3	1,496.6	1,530.3	1,519.3	1,515.9	1,525.3	1,527.1	1,494.4	1,482.6
Total unemployment*	140.0	160.5	152.5	152.5	142.0	131.3	136.4	139.2	133.8	128.5	125.9	135.3	141.9
Percent of Labor Force	8.7	10.3	9.8	9.6	8.9	8.1	8.2	8.4	8.1	7.8	7.6	8.3	8.7
1975													
Civilian Labor Force	1,538.0	1,461.3	1,484.2	1,510.3	1,519.1	1,548.5	1,598.3	1,577.8	1,571.6	1,569.7	1,544.5	1,538.3	1,532.4
Total employment*	1,391.0	1,337.0	1,336.6	1,358.9	1,377.9	1,406.7	1,438.1	1,418.0	1,418.0	1,421.9	1,406.0	1,391.4	1,381.5
Total unemployment*	147.0	124.3	147.6	151.4	141.2	141.8	160.2	159.8	153.6	147.8	138.5	146.9	150.9
Percent of Labor Force	9.6	8.5	9.9	10.0	9.3	9.2	10.0	10.1	9.8	9.4	9.0	9.5	9.8

Resident Civilian Labor Force and Employment in Washington State, 1970-1981 1/
(In Thousands)

	Annual Average 2/	January	February	March	April	May	June	July	August	September	October	November	December
1974													
Civilian Labor Force	1,512.0	1,439.7	1,454.1	1,472.8	1,493.6	1,525.3	1,572.0	1,572.9	1,547.7	1,546.7	1,524.6	1,496.7	1,485.5
Total employment*	1,404.0	1,311.7	1,330.3	1,354.9	1,385.4	1,426.0	1,462.7	1,463.6	1,445.1	1,450.6	1,432.5	1,395.7	1,377.3
Total unemployment*	108.0	128.0	123.8	117.9	108.2	99.3	109.3	109.3	102.6	96.1	92.1	101.0	108.2
Percent of Labor Force	7.1	8.9	8.5	8.0	7.2	6.5	7.0	6.9	6.6	6.2	6.0	6.7	7.3
1973													
Civilian Labor Force	1,470.0	1,394.8	1,411.2	1,437.9	1,450.6	1,475.9	1,532.6	1,509.8	1,500.8	1,506.0	1,482.8	1,468.8	1,468.9
Total employment*	1,354.0	1,260.1	1,285.6	1,317.1	1,340.9	1,371.8	1,414.1	1,391.5	1,385.7	1,395.5	1,376.5	1,356.5	1,352.9
Total unemployment*	116.0	134.7	125.6	120.8	109.7	104.1	118.5	118.3	115.1	110.5	106.3	112.3	116.0
Percent of Labor Force	7.9	9.7	8.9	8.4	7.6	7.1	7.7	7.8	7.7	7.3	7.2	7.6	7.9
1972													
Civilian Labor Force	1,425.0	1,363.5	1,385.3	1,392.6	1,410.5	1,435.2	1,488.2	1,465.9	1,456.4	1,435.8	1,419.2	1,414.4	1,421.0
Total employment*	1,289.0	1,209.8	1,220.4	1,249.4	1,271.1	1,304.4	1,342.7	1,325.2	1,327.5	1,315.7	1,305.6	1,296.9	1,287.3
Total unemployment*	136.0	153.7	164.9	143.2	139.4	130.8	145.5	140.7	128.9	120.1	113.6	117.5	133.7
Percent of Labor Force	9.5	11.3	11.9	10.3	9.9	9.1	9.8	9.6	8.9	8.4	8.0	8.3	9.4
1971													
Civilian Labor Force	1,394.0	1,353.8	1,365.9	1,366.0	1,381.6	1,391.0	1,455.0	1,432.5	1,424.0	1,413.3	1,390.1	1,374.6	1,380.4
Total employment*	1,253.0	1,194.2	1,208.0	1,217.3	1,240.2	1,259.0	1,305.5	1,283.9	1,287.2	1,283.6	1,264.5	1,245.8	1,247.0
Total unemployment*	141.0	159.6	157.9	148.7	141.4	132.0	149.5	148.6	136.8	129.7	125.6	128.8	133.4
Percent of Labor Force	10.1	11.8	11.6	10.9	10.2	9.5	10.3	10.4	9.6	9.2	9.0	9.4	9.7
1970													
Civilian Labor Force	1,414.0	1,376.4	1,387.7	1,402.0	1,391.5	1,414.4	1,469.8	1,453.8	1,444.6	1,441.6	1,406.8	1,391.8	1,388.1
Total employment*	1,284.0	1,270.4	1,269.9	1,280.0	1,283.3	1,300.0	1,331.4	1,311.5	1,303.9	1,303.4	1,271.1	1,247.2	1,236.5
Total unemployment*	130.0	106.0	117.8	122.0	108.2	114.4	138.4	142.3	140.7	138.2	135.7	144.6	151.6
Percent of Labor Force	9.2	7.7	8.5	8.7	7.8	8.1	9.4	9.8	9.7	9.6	9.6	10.4	10.9

1/ Prepared in cooperation with the U.S. Bureau of Labor Statistics and the Employment and Training Administration.

2/ Average annual data are from the Current Population Survey. Detail may not add due to rounding.

* Official CPS benchmark estimates

State of Washington
Employment Security Department
Research and Statistics Branch
Olympia, Washington

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